

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Attorney Docket No.: 108905.01

Date: March 30, 2004

Customer Number: 27074

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**MAIL STOP PATENT APPLICATION**  
**CONTINUING APPLICATION TRANSMITTAL**  
**RULE 1.53(b)**

Sir:

Transmitted herewith for filing under 37 C.F.R. §1.53(b) is a

☐ Continuation ☒ Divisional ☐ Continuation-in-Part

application of prior pending Application No. 09/967,979, filed October 2, 2001.

For (Title): SUBSTRATES HAVING INCREASED THERMAL CONDUCTIVITY FOR  
SEMICONDUCTOR STRUCTURES

By (Inventors): Linda T. ROMANO, Michael A. KNEISSL, and John E. NORTHRUP

1. ☒ A Declaration and Power of Attorney is attached. The attached Declaration and Power of Attorney is:
  - ☒ a. A copy of the Declaration and Power of Attorney from the parent application. (Used with the same or fewer inventors and (a) a copy of the prior application or (b) a revised, reformatted or edited version of the prior application that does not contain new matter.)
  - ☐ b. A new Declaration and Power of Attorney. (Used with the same, fewer or additional inventors and (a) a copy of the prior application, (b) a revised, reformatted or edited version of the prior application that does not contain new matter or, (c) a new specification.)
2. ☒ The filing fee is calculated below:

CLAIMS IN THE APPLICATION AFTER ENTRY OF  
ANY PRELIMINARY AMENDMENT NOTED BELOW

FOR:	NO. FILED	NO. EXTRA	RATE	FEE
BASIC FEE				\$ 770
TOTAL CLAIMS	17 - 20	= 0 *	x 18	\$ ---
INDEP CLAIMS	1 - 3	= 0 *	x 86	\$ ---
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS PRESENTED			+ 290	\$
* If the difference is less than zero, enter "0".			TOTAL	\$ 770

3. ☒ Please charge Deposit Account No. 24-0037 in the amount of \$770.00. The Commissioner is hereby authorized to charge any other fees that may be required to complete this filing, or to credit any overpayment, to Deposit Account No. 24-0037. Two duplicate copies of this sheet are attached.
4. ☒ Application Data Sheet is attached.

DEPOSIT ACCOUNT USE  
AUTHORIZATION  
Please grant any extension  
necessary for entry;  
Charge any fee due to our  
Deposit Account No. 24-0037

5. ☒ Formal drawings (Fig(s). 1-16) are attached.  
☐ Use Figure \_\_\_\_\_ for front page of Publication.
6. ☐ Priority of foreign application(s) No. \_\_\_\_\_ filed \_\_\_\_\_ in \_\_\_\_\_ is claimed under 35 U.S.C. §119 and/or §365(b).  
☐ The certified copy was filed in prior Application No. \_\_\_\_\_ on \_\_\_\_\_.  
☐ A certified copy of the above foreign application(s) is filed herewith.  
☐ A copy of the priority document was transmitted by the International Bureau in prior Application No. \_\_\_\_\_.  
7. ☐ Priority of U.S. Provisional Application(s) No. \_\_\_\_\_ filed \_\_\_\_\_ is claimed under 35 U.S.C. §119.  
(A Preliminary Amendment is attached to reflect the claim of benefit in the specification if not already present.)
8. ☒ The prior application is assigned of record to Xerox Corporation, Stamford, Connecticut and recorded at Reel 012225, Frame 0757.
9. ☐ This application is filed by fewer than all the inventors named in the prior application (37 C.F.R. §1.53(b)(1)). Delete the following inventor(s) named in the prior application:

10. ☒ A Preliminary Amendment is attached. The Preliminary Amendment amends the specification to reflect the continuation data. Claims added by this Amendment are properly numbered consecutively beginning with the number next following the highest numbered claim in the application and claims canceled are identified in the listing of claims.
11. ☒ An Information Disclosure Statement is attached.
12. ☐ This application is NOT to be published under 35 U.S.C. 122(b). The undersigned attorney or agent hereby certifies that the invention disclosed in this application has not been and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.
13. ☒ The power of attorney in the application is to:

<b>Mark Costello</b>	<b>Reg. No. 31,342;</b>	<b>Elizabeth F. Harasek</b>	<b>Reg. No. 28,850;</b>
<b>Ronald F. Chapuran</b>	<b>Reg. No. 26,402;</b>	<b>Eugene O. Palazzo</b>	<b>Reg. No. 20,881;</b>
<b>Kevin R. Kepner</b>	<b>Reg. No. 32,145;</b>	<b>Mario A. Costantino</b>	<b>Reg. No. 33,565;</b>
<b>Nola Mac McBain</b>	<b>Reg. No. 35,782;</b>	<b>Joel S. Armstrong</b>	<b>Reg. No. 36,430;</b>
<b>James A. Oliff</b>	<b>Reg. No. 27,075;</b>	<b>Christopher W. Brown</b>	<b>Reg. No. 38,025;</b>
<b>William P. Berridge</b>	<b>Reg. No. 30,024;</b>	<b>Richard E. Rice</b>	<b>Reg. No. 31,560;</b>
<b>Kirk M. Hudson</b>	<b>Reg. No. 27,562;</b>	<b>Paul Tsou</b>	<b>Reg. No. 37,956; and</b>
<b>Thomas J. Pardini</b>	<b>Reg. No. 30,411;</b>	<b>Eric D. Morehouse</b>	<b>Reg. No. 38,565.</b>
<b>Edward P. Walker</b>	<b>Reg. No. 31,450;</b>		
<b>Robert A. Miller</b>	<b>Reg. No. 32,771;</b>		

- ☒ a. The power appears in the attached Declaration and Power of Attorney.
- ☐ b. Since the power does not appear in the attached Declaration and Power of Attorney, a substitute Power of Attorney is also attached.
14. ☒ Address all future communications to:

**OLIFF & BERRIDGE, PLC**  
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**Alexandria, Virginia 22320**

Respectfully submitted,

  
James A. Oliff  
Registration No. 27,075

Yong S. Choi  
Registration No. 43,324